3763  
PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Lixiao Wang et al.

Application No.:

10/080,781

Filed:

February 22, 2002

For:

BLOCK COPOLYMER ELASTOMER CATHETER  
BALLOONS

Examiner:

Not assigned yet

Group Art Unit:

3763

RECEIVED  
MAY 30 2002  
TECHNOLOGY CENTER R3700Commissioner for Patent  
Washington, D.C. 20231

Docket No.: S63.2-10401


## TRANSMITTAL LETTER

1. In regard to the above-identified application, we are submitting the attached:  
**3 pg IDS; 18 pgs of 1449 form; copies of References; copy of US application 09/712042; VAS Transmittal Letter; and Postcard.**
2. With respect to fees:
  - ☒ No additional fee is required.
  - ☐ Attached is check(s) in the amount of
  - ☐ Charge additional fee to our Deposit Account No. 22-0350.
3. **CONDITIONAL PETITION FOR EXTENSION OF TIME**  
This conditional petition is being filed along with the papers identified in Item 1 above and provides for the possibility that Applicant has inadvertently overlooked the need for a petition and fee for extension of time or for a petition and fee for any other matter petitionable to the Commissioner as required. If any extension of time for the accompanying response is required or if a petition for any other matter is required, by petitioner, Applicant requests that this be considered a petition therefor.
4. Notwithstanding paragraph 2 above, if any additional fees associated with this communication are required and have not otherwise been paid, including any fee associated with the Conditional Petition for Extension of Time, or any request in the accompanying papers for action which requires a fee as a petition to the Commissioner, please charge the additional fees to Deposit Account No. 22-0350. Please charge any additional fees or credit overpayment associated with this communication to the Deposit Account No. 22-0350.

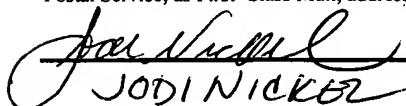
VIDAS, ARRETT &amp; STEINKRAUS

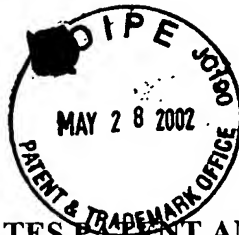
Date: May 22, 2002

By:

  
Walter J. Steinkraus  
Registration No. 29,5926109 Blue Circle Drive, Suite 2000  
Minnetonka, MN 55343-9185  
Telephone: (952) 563-3000  
Facsimile: (952) 563-3001

**Certificate Under 37 CFR 1.10:** I hereby certify that this Transmittal Letter and the paper(s) as described herein, are being deposited in the U.S. Postal Service, as First Class Mail, addressed to Commissioner for Patents, Washington D.C. 20231, on May 22, 2002.

  
JODI NICKLER



BET  
6.4-02  
#2/103  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In Re Application of:</b>	Lixiao Wang et al.
<b>Application No.:</b>	10/080,781
<b>Filed:</b>	February 22, 2002
<b>For:</b>	BLOCK COPOLYMER ELASTOMER CATHETER BALLOONS
<b>Examiner:</b>	Not assigned yet
<b>Group Art Unit:</b>	3763

Commissioner for Patent  
Washington, D.C. 20231

**Docket No.: S63.2-10401**

**INFORMATION DISCLOSURE STATEMENT**

Listed below or on an attached Form PTO-1449 and/or a copy of a PTO-892 form is information known to applicant(s). A copy of each listed publication, U.S. patent, foreign patent and U.S. patent application is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98, *except that* U.S. applications from which priority is claimed under 35 U.S.C. §120, and documents cited in such priority applications, may be omitted from the enclosures pursuant to 37 C.F.R. 1.98(d). Applicant's submission of copies of U.S. applications does not constitute a waiver of the confidentiality of such applications. As such, Applicant requests that any copies of unpublished US applications submitted herewith be excluded from the file wrapper pursuant to 37 C.F.R. §1.14.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 or PTO-892 from a prior application is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

Applications that are listed on the accompanying modified form 1449 as related by priority are related by priority claim under 35 USC §120. Pursuant to 37 CFR §1.98(d), no copies of cited art in a previous application(s) to which priority was claimed need be submitted. Applicant is providing copies of the 1449 and/or 892 forms from these cases.

**Information Disclosure Statement**

**Application No.10/080,781**

**Page 2**

  X   **I.** This statement qualifies as a no-fee Information Disclosure Statement under 37 C.F.R. §1.97(b) or otherwise because to the knowledge of the undersigned attorney it is being filed (check all that apply):

- X   (1) within 3 months of the filing date of the application (other than a CPA); or
- (2) within 3 months of entry of the national stage; or
- (3) before the mailing of a first Office Action on the merits;
- (4) before the mailing of a first Office Action after the filing of a request for continued examination (RCE) under §1.114;
- (5) as part of a continued prosecution application (CPA); or
- (6) during the period of a suspension of action for a CPA under 37 C.F.R. §1.103(b).

       **II.** This statement is believed to require a fee or the submission of a certification under 37 C.F.R. §1.97 (c) or otherwise. If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application (other than CPA); (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing of a first Office Action on the merits; (4) the mailing of a first Office Action after the filing of a request for continued examination under §1.114; or (5) after the filing of a request for a continued prosecution application, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311 or an action that otherwise closes prosecution in the application, then:

- (1) a certification as specified in §1.97(e) is provided below; or
- (2) a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

       **III.** 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

- (1) a certification as specified in §1.97(e) is completed below; and
- (2) a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with payment of other papers filed together with this statement.

**Information Disclosure Statement**  
**Application No.10/080,781**

X **IV. Fee Authorization.** If any fee is due for consideration of this Information Disclosure Statement and full payment has not been submitted herewith, regardless of which boxes have been checked above, the Commissioner is hereby authorized to charge any additional fees associated with this communication to Deposit Account No. 22-0350. The Commissioner is hereby authorized to credit any overpayment associated with this communication to Deposit Account No. 22-0350.

***If paragraph II.1 or III is checked, also check one of the paragraphs below***

\_\_\_\_\_ I hereby certify, under 37 CFR §1.97(e)(1), that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the date of the filing of this information disclosure statement.

\_\_\_\_\_ I hereby certify, under 37 CFR §1.97(e)(2), that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

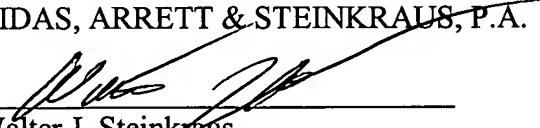
*For the purpose of this certification, Applicant considers the PCT International Search Authority to constitute a foreign patent office.*

If this Information Disclosure Statement has been submitted without the appropriate box checked, Applicant requests that this Information Disclosure Statement be considered nevertheless if it is timely submitted under any of the provisions of 37 C.F.R. §1.97 or otherwise. Finally, if any petition is necessary to ensure consideration of this Information Disclosure Statement, Applicant requests that this be treated as such a petition.

Respectfully submitted,

VIDAS, ARRETT & STEINKRAUS, P.A.

Date: May 21, 2002

By:   
Walter J. Steinkraus  
Registration No.: 29,592



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MAY 30 2002

TECHNOLOGY CENTER R3700

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS

ATTY DOCKET NO.: S63.2-10401

APPLICATION NO.: 10/080,781

FOR APPLICANT'S

INVENTOR: Lixiao Wang et al.

INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

FILING DATE: February 22, 2002

GROUP: 3763

## REFERENCE DESIGNATION

## U.S. PATENT AND PUBLISHED APPLICATION DOCUMENTS

EXAM'S INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6171278		Wang et al.		
	AB	6146356		Wang et al.		
	AC	5951941		Wang et al.		
	AD	5830182		Wang et al.		
	AE	5556383		Wang et al.		
	AF	6210364		Anderson et al.		
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY
	BA	0 537 069 A1	10/8/92	EPO
	BB	0 349 640 B1	2/25/88	EPO
	BC			
	BD			
	BE			

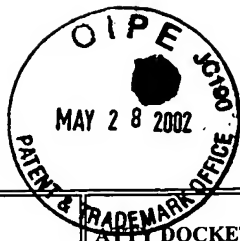
## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CA	
	CB	
	CC	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>Modified Form 1449 UNPUBLISHED US APPLICATIONS NOT RELATED BY PRIORITY (COPIES ENCLOSED)</b>	ATTY DOCKET NO.: S63.2-10401		APPLICATION NO. S63.2-10401
	APPLICANT: Lixiao Wang et al.		<b>RECEIVED</b>  MAY 30 2002  TECHNOLOGY CENTER R3700
	FILING DATE: February 22, 2002		
<b>UNPUBLISHED US APPLICATIONS NOT RELATED BY PRIORITY</b>			
<b>EXAM'S INIT</b>	<b>APPLICATION NO.</b>	<b>FILING DATE</b>	<b>INVENTOR(S)</b>
DA	09/712042		Wang et al.
DB			
DC			
DD			
DE			
DF			
<b>EXAMINER</b>			<b>DATE CONSIDERED</b>
EXAMINER: Initial if application considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

<b>Modified Form 1449 US APPLICATIONS RELATED BY PRIORITY (COPIES NOT ENCLOSED)</b>	ATTY DOCKET NO.: S63.2-10401		APPLICATION NO. S63.2-10401		
	APPLICANT: Lixiao Wang et al.		GROUP: 3763		
	FILING DATE: February 22, 2002				
<b>US APPLICATIONS RELATED BY PRIORITY</b>					
<b>EXAM'S INIT</b>	<b>APPLICATION NO.</b>	<b>FILING DATE</b>	<b>PATENT NO.</b>	<b>INVENTOR(S)</b>	<b>FORM 1449/892 ENC</b>
EA	09/328781	6/9/1999		Wang et al.	
EB					
EC					
ED					
<b>EXAMINER</b>			<b>DATE CONSIDERED</b>		
EXAMINER: Initial if application considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

Applicant requests that any copies of unpublished US applications submitted herewith be excluded from the file wrapper pursuant to 37 C.F.R. §1.14.

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

PATENT DOCKET NO: S63.2-4842-10401

SERIAL NO: 03/204,554

APPLICANT: LINXIAO WANG, ET AL

RECEIVED

FILING DATE: MARCH 2, 1994 2/22/02

GROUP MAY 31 2002

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAM'S INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,906,244	3/90	PINCHUK ET AL			
AB	5,156,612	10/92	PINCHUK ET AL			
AC	4,938,676	7/90	JACKOWSKI ET AL			
AD	4,950,239	8/90	GAHARA ET AL			
AE	5,108,415	4/92	PINCHUK ET AL			
AF	5,236,659	8/93	PINCHUCK ET AL			2/92
AG	5,290,306	1/94	TROTTA ET AL			
AH						
AI						
AJ						
AK						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL	92/19316	11/92	WO				
AM	540 858	5/93	EP				
AN	420 488	3/91	EP				
AO	92/08512	5/92	WO				
AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	FLESHER, JR., "POLYETHER BLOCK AMIDE: HIGH-PERFORMANCE TPE," <i>MODERN PLASTICS</i> , PP 100, 105, 106, 110, (SEPT. 1987).
AS	M. XIE, ET AL, "ETUDE MORPHOLOGIQUE DE BLOC-COPOLY(ETHER-AMIDE)S," <i>MAKROMOL. CHEM.</i> 187, 383-400 (1986).

EXAMINER

DATE CONSIDERED

EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

PATENT DOCKET NO: S63.2-4842- 1040

Serial No: 08/204,554

APPLICANT: LIXIAO WANG, ET AL

FILING DATE: MARCH 2, 1994 2/2/02

Group:

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	H. BOUBIL, ET AL, "MORPHOLOGY OF POLYAMIDE AND POLYETHER BLOCK AMIDE BLENDS," <i>POLYMER ENGINEERING AND SCIENCE</i> , 29, 679-684 (1989).
CB	N. ALBEROLA, ET AL, "MECHANICAL RELAXATION PROCESSES IN POLYETHER BLOCK AMIDE COPOLYMERS (PEBA)," <i>MAKROMOL. CHEM., MAKROMOL. SYMP.</i> 23, 219-224 (1989).
CC	H. FARUQUE, ET AL, "STUDY OF MULTIPLE RELAXATIONS IN PEBAX, POLYETHER BLOCK AMIDE (PA12 2135 BLOCK PTMG 2032), COPOLYMER USING THE THERMALLY STIMULATED CURRENT METHOD," <i>POLYMER</i> , 27, 527-531 (1986).
	H. FARUQUE, ET AL, "STUDY OF MULTIPLE RELAXATIONS IN PEBAX, POLYETHER BLOCK AMIDE (PA12 2135 BLOCK PTMG 2032), COPOLYMER USING THE THERMALLY STIMULATED CURRENT METHOD," <i>POLYMER</i> , 27, 527-531 (1986). CD
	G. GORDON, "GLASS TRANSITION IN NYLONS," <i>J. POLYMER SCI.: PART A-2</i> , 9, 1693-1702 (1971).
CE	D. PREVORSEK, ET AL, "MECHANICAL RELAXATIONS IN POLYAMIDES," <i>J. POLYMER SCI.: PART A-2</i> , 9, 867-886 (1971).
CF	H. FARUQUE, ET AL, "A THERMALLY STIMULATED CURRENT TECHNIQUE FOR MEASURING THE MOLECULAR PARAMETERS OF PEBAX, A POLYETHER-BLOCK AMIDE COPOLYMER," <i>J. MATER. SCI.</i> , 22, 675-678 (1987).
CH	R. KOCH, "PEBAX," <i>ADVANCES IN POLYMER TECHNOLOGY</i> , 2, 160-162 (1982).
CI	N. ALBEROLA, "MICROMECHANICAL PROPERTIES OF POLYETHER BLOCK AMIDE COPOLYMERS," <i>J. APPLIED SCI.</i> , 36, 787-804 (1988).
CJ	J. BRANDRUP, ET AL, eds., <i>POLYMER HANDBOOK</i> , JOHN WILEY & SONS (1989), PP VI/209, VI/243-VI/244.
CK	
CL	
CM	
CN	
CO	
CP	
CQ	

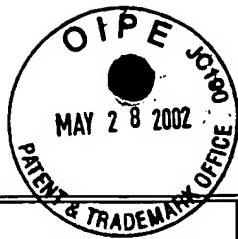
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY DOCKET NO: S63.2-5424-10401 APPLICANT: Lixiao Wang et al FILING DATE: March 2, 1995 2/22/02	10/880781 Serial No: 06297837 RECEIVED MAY 28 2002 MAY 30 2002
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)			
CA	Flesher, "Polyether block amide, high-performance TPE," Modern Plastics, September 1987, pp. 100, 105, 110.		
CB	Koch, "PEBAX (Polyether Block Amide)", Advances in Polymer Technology, Vol 2, No. 3 1982 pp. 160-162.		
CC	De, et al, eds. <u>Thermoplastic Elastomer from Rubber-Plastic Blends, Chapter 1</u> , Ellis Horwoal, New York pp. 13-27.		
CD	Gorski, "The Nomenclature of Thermoplastic Elastomers," Kunststoffe German Plastics, 83 (1993) No. 3, pp 29-30.		
CE	Hofmann, "Thermoplastic Elastomers," Kunststoffe German Plastics, 80 (1990) No. 10, pp 88-90.		
CF	Atochem, "Pebax® Resins 33 Series Property Comparison" undated, (1 pg manufacturers technical information sheet received 9/29/94).		
CG	Atochem, undated and untitled brochure for Pebax® resins, pgs 2-5.		
CH	Bhowmick, et al eds., <u>Handbook of Elastomers</u> , Chapters 10 and 12, Marcel Dekker Inc., pp 341-373 and 411-442.		
CI	Walker, et al, eds. <u>Handbook of Thermoplastic Elastomers</u> , Chapter 8, Van Nostrand Reinhold Co., NY pp 258-281.		
CJ			
CK			
CL			
CM			
CN			
CO			
CP			
EXAMINER		DATE CONSIDERED	
communication to applicant.			



<b>FORM PTO-1449 (Modified)</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Use several sheets if necessary)				ATTY DOCKET NO: S63.2-5424 <b>10401</b>		Serial No: <b>10/080781</b> 08497,837		
				APPLICANT: Lixiao Wang et al				
				FILING DATE: <del>March 2, 1995</del> <b>2/22/02</b>		Group: <del>3306</del> <b>3763</b>		
<b>REFERENCE DESIGNATION U.S. PATENT DOCUMENTS</b>								
EXAM'S INIT.		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	5,500,180	3/19/96	Anderson et al	264	532		
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
<b>FOREIGN PATENT DOCUMENT OR PUBLISHED FOREIGN PATENT APPLICATION</b>								
		DOCUMENT NUMBER	PUBLICA TION DATE	COUNTRY OF PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA							
	BB							
	BC							
	BD							
	BE							
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	CA							
	CB							
	CC							
EXAMINER				DATE CONSIDERED				
next communication to applicant.								

<b>FORM PTO-1449 (Modified)</b> U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY DOCKET NO: S63.2-5424- <b>10401</b>		Serial No: <b>08/597,837</b>	
APPLICANT: Lixiao Wang, et al				FILING DATE: March 2, 1995 <b>2/22/02</b>		Group: <b>3306 3763</b>	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
EXAM'S INIT.		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	4,898,591	2/90	Jang et al	604		
	AB	4,917,667	4/90	Jackson	604		
	AC	4,950,257	8/90	Hibbs et al	604		
	AD	4,385,635	5/83	Ruiz	128		
	AE	4,886,506	12/89	Lovgren et al	604		
	AF	4,563,181	1/86	Wijaymathna	604		
	AG	<del>4,906,244</del>	<del>3/90</del>	<del>Pinchuck et al</del>	<del>606</del>		
	AH	4,254,774	5/81	Boretos	128		
	AI	5,290,306	3/94	Trotta et al	606	194	
	AJ	5,250,069	10/93	Nobuyoshi et al	606		
	AK	4,332,920	6/82	Foy et al	525		
	AL	4,331,786	5/82	Foy et al	525		

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION								
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	566 755 A	10/93	EP				
	AM	540 858 A	12/93	EP				
	AN	420 488 B	7/93	EP				
	AO	92/8512	5/92	WO				
	AP	92/19316	11/92	WO				
	AQ	274 411	7/88	EP				
	AR	592 885 A	4/94	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Places of Publication )		
	AR	DuPont, "Hytrel®" 11 pg undated product brochure (received 9/90)

FORM PTO-1449 (Modified)		ATTY DOCKET NO: S63.2-5424 <b>10901</b>		Serial No: 08297,837 <b>10/080781</b>		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT: Lixiao Wang		Group: 336 <b>3763</b> <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="text-align: right; font-weight: bold; font-size: 0.8em;">MAY 30 2002</div>		
		FILING DATE: March 2, 1995 <b>2/22/02</b>				
REFERENCE DESIGNATION      U.S. PATENT DOCUMENTS						
EXAM'S INIT.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,328,468	7/94	Kaneko, et al	604	96	
AB	4,675,361	6/94	Ward, Jr.	525	92	
AC	5,344,400	9/94	Kaneko, et al	604	96	4/6/93
AD	5,281,677	1/94	Onwunaka, et al	525	458	
AE	5,295,978	3/94	Fan, et al	604	265	
AF	5,397,306	3/95	Nobuyoshi, et al	604	96	
AG	4,786,556	11/88	Hu, et al	428	412	
AH	5,304,134	4/94	Kraus, et al	604	96	1/17/92
AI	5,335,675	8/94	Wheeler, deceased, et al	128	842	10/11/91
AJ	5,348,538	9/94	Wang, et al	604	96	9/29/92
AK	5,300,048	4/94	Drewes, Jr. et al	604	280	5/12/93
AL	4,950,239	8/90	Gahara et al	604	96	
AM	4,154,244	5/91	Becker et al	128	349B	
AN	4,938,676	7/90	Jackoski et al	425	140	
AO	4,952,357	8/90	Enteneuer	264	129	
AP	4,413,989	11/83	Schjeldahl et al	604	96	
AQ	4,490,421	12/84	Levy	428	35	
AR	<b>5264260</b>	<b>11/93</b>	<b>Saab</b>			
AS	<b>5358486</b>	<b>10/95</b>	<b>Saab</b>			
AT						
AU						
AV						
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AY						
EXAMINER		DATE CONSIDERED				
next communication to applicant.						

FORM PTO-1449 (Modified)

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

MAY 28 2002

PATENT DOCKET NO: 563.2-6119

Serial No: 08/671-861

APPLICANT: Lixiao Wang et al

FILING DATE: June 28, 1996

Group:

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAM'S INT.		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5304340	4/95	Downey			4/6/93
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

## FOREIGN PATENT DOCUMENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OF PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA	2 651 681	3/15/91	FR				
	BB	0 566 755 A1	10/27/93	EP				
	BC	0 513 459 A1	11/19/92	EP				
	BD	84/01513	4/26/84	WO				
	BE							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CA	
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 (Modified)  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

MAY 28 2002

ATTY DOCKET NO: S63.2-6400-10401

Serial No: 08/805,899 10/080781

APPLICANT: Lixiao Wang et al.

FILING DATE: February 25, 1997 2/22/02

Group: 3306 3763

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

CA	Form 892, US serial number 08/671,861
CB	Form 892, US serial number 08/397,837
CC	Form 892, US serial number 08/204,554
CD	Tecoflex <sup>2</sup> Medical Grade Aliphatic Thermoplastic Polyurethanes, date unknown
CE	SCIMED LEAP TRIO PTCA CATHETERS, May 16, 1995
CF	Dow Processing Guide, Pellethane, date unknown
CG	Dupont product literature on HYTREL, date unknown
CH	Dow Chemical product literature on ISOPLAST, December 17, 1991 and other dates unknown
CI	Tecothane <sup>2</sup> Medical Grade Aliphatic Thermoplastic Polyurethanes, date unknown
CJ	Thermoplastic Elastomer data sheet, D.A.T.A. Business Publishing, p. 2-1709 1994
CK	Polyamide-Nylon data sheet, D.A.T.A. Business Publishing, p. 2-595 1994
CL	International Serach Report, International Application PCT/US 95/02717
CM	Polyether Block Amide data sheet, D.A.T.A. Business Publishing, p. 2-837 1994
CN	Tecoplast <sup>TM</sup> Engineering Polyurethane Resins May 1996
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CP	
CQ	

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MAY 30 2002  
TECHNOLOGY CENTER R0700

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FORM PTO-1449 (Modified)

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

MAY 28 2002

ATTY DOCKET NO.: S63.2-6400 10401

SERIAL NO.: 08/805,829 107080781

APPLICANT: Lixiao Wang et al

FILING DATE: March 6, 1997 2/2/02

GROUP: 2763

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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAM'S INIT.		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	DATE IF APPROPRIATE
	AA						
	AB						
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MAY 3 2002  
TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OF PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA	531 117 B1	10/3/93	EP				
	BB	95/09667	4/13/95	WO				
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	BD							
	BE							
	BF							
	BG							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

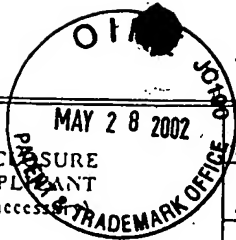
	CA	
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EXAMINER

DATE CONSIDERED

EXAMINER. Initial citation considered. Draw line through citation if not in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)



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ATTY DOCKET NO: S63.2-6400/0401

MAY 30 2002 10/080781

APPLICANT: Wang et al

TECHNOLOGY CENTER R3700

FILING DATE: 2/25/97 2/22/02

Group: 3306 3763

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAM'S SIT.		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,554,120	9/96	Chen et al	604	96	7/25/94
	AB	5,565,523	10/96	Chen et al	525	176	6/7/95
	AC						
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FOREIGN PATENT DOCUMENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICA TION DATE	COUNTRY OF PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA	96/37240	11/96	WO				
	BB							
	BC							
	BD							
	BE							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CA		
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EXAMINER DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with communication to applicant.



FORM PTO-1449 (Modified)

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)



ATTY DOCKET NO: S63.2-6400

10401

10/080781  
Serial No: 08/005-699

APPLICANT: Lixiao Wang et al.

FILING DATE: February 23, 1997

2/22/02

Group: 3306 3763

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAM'S INT.		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,565,523	10/15/96	Chen et al.	525	176	6/7/95
	AB						
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## FOREIGN PATENT DOCUMENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICA TION DATE	COUNTRY OF PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA	95/23619	9/8/95	WO	A61L	29/00		x
	BB							
	BC							
	BD							
	BE							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page 13 of 18

FORM PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY DOCKET NO.: 1040 APPLICANT: Lixiao Wang et al FILING DATE: 8/24/1998 <u>2/22/02</u>		SERIAL NO.: 091137633 GROUP: 373+ <u>3763</u>	
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REFERENCE DESIGNATION      U.S. PATENT DOCUMENTS

EXAM'S INIT.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA 5807520	9/15/98	Wang	264	520	MAY 30 2002
	AB 5,478,320	12/26/95	Trotta	604	96	
	AC 5,334,146	8/2/94	Ozasa	604	96	
	AD 5,254,091	10/19/93	Aliahmad et al	604	96	
	AE 5,500,181	3/19/96	Wang et al	264	532	
	AF 5,316,016	5/31/94	Adams et al	128	774	

FOREIGN PATENT DOCUMENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OF PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BA	0 436 501	7/10/91	EP				
BB	0 485 903	5/20/82	EP				
BC	0 318 919	6/7/89	EP				
BD	WO 96/12516	5/2/96	WO				
BE	WO 96/04951	2/22/96	WO				
BF	WO 95/22367	8/24/95	WO				
BG	WO 92/08512	5/29/92	WO				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	DATE CONSIDERED
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				ATTY DOCKET NO.: S63.2-7507 <u>10401</u>		APPLICATION NO.: <u>10/080781</u> 09/28/01		
MAY 28 2002 U.S. PATENT & TRADEMARK OFFICE				APPLICANT: Lixiao Wang et al.		RECEIVED MAY 30 2002		
FILING DATE: June 9, 1999 <u>2/22/02</u>				GROUP <u>1</u>		MAY 30 2002		
REFERENCE DESIGNATION				U.S. PATENT AND PUBLISHED APPLICATION DOCUMENTS				
EXAM'S INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE IF APPROPRIATE			
AA	5,342,386	8/30/94	Trotta	606/194				
AB	5,334,146	8/2/94	Ozasa	604/96				
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FOREIGN PATENT DOCUMENTS								
DOCUMENT NUMBER	DATE	COUNTRY						
BA	4-144572	5/19/92	JP					
BB	3-176068	7/31/91	JP					
BC	592870	4/20/94	EP					
BD	381919	6/7/89	EP					
BE	606165	7/13/94	EP					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
CA	"Thermoplastic Elastomer," Kagaku Kogyo Nipposha, published Feb. 15, 1992, pgs 23-39 and 225-229 with partial translation.							
CB	Ullmann's Encyclopedia of Industrial Chemistry (1995), Vol A26, Cpt 4, "Thermoplastic Elastomers," pp 651-655.							
CC								
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



# Notice of References Cited

Application No.

08/811,764  
10/28/98

Applicant(s)

WANG et al.

Examiner

Jennifer R. Sadula

Group Art Unit

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Page 1 of 1

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## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	4,490,421	12/25/84	LEVY	604	96
B	5,328,468	6/12/94	KANEKO et al.	604	96
C	5,344,400	9/6/94	KANEKO et al.	604	96
D	5,270,086	7/9/91	HAMLIN	604	96
E	5,769,817	6/23/98	BURGMEIER	604	96
F	Re. 33,561	3/26/91	LEVY	604	96
G	RE. 32,983	7/11/89	LEVY	604	96
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
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## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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\* A copy of this reference is not being furnished with this Office action.  
(See Manual of Patent Examining Procedure, Section 707.05(a).)

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FORM PTO-1449 (Modified)

INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

Docket No.: S63.2-7136

Applicant: Lixiao Wang et al

Filing Date: 8/21/98

Serial No. 10/680781

Group: 3731 3763

## U.S. PATENT DOCUMENTS

EXAM'S INIT.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	<del>4,154,244</del>	<del>5/15/79</del>	<del>Becker et. al.</del>	<del>128</del>	<del>349</del>	
AB	<del>4,952,357</del>	<del>8/28/90</del>	<del>Euteneuer</del>	<del>264</del>	<del>129</del>	
AC	<del>4,906,244</del>	<del>3/6/90</del>	<del>Pinchuk et al</del>	<del>606</del>	<del>194</del>	
AD	5,087,394	2/11/92	Keith	204	22	
AE	<del>4,938,676</del>	<del>7/3/90</del>	<del>Jaekowski et al</del>	<del>425</del>	<del>140</del>	
AF	4,963,313	10/90	Noddin et al	264	563	
AG	<del>4,413,989</del>	<del>11/8/83</del>	<del>Schjeldahl et al</del>	<del>604</del>	<del>96</del>	
AH	4,456,000	6/26/84	Schjeldahl et al	128	1	
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DATE CONSIDERED:

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FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

PRIORITY DOCKET NO: S63.2-2436-10401

Application No: 09/437,653

APPLICANT: Lixiao Wang et al

FILING DATE: 8/21/98

02/22/02

TECHNOLOGY CENTER P3700

MAY 30 2002

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAM'S INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,556,383	9/17/96	Wang	604	96	
	AB	5,270,086	12/14/93	Hamlin	428	35.2	
	AC	5,195,969	3/23/93	Wang et al	604	96	
	AD	5,512,051	4/30/96	Wang et al	604	96	
	AE	5,403,340	4/4/95	Wang et al	606	194	
	AK	5,411,477	5/2/95	Saab	604	96	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA	WO 89/08473	9/21/89	WO				
	BB	WO 92/19440	11/12/92	WO				
	BC							
	BD							
	BE							
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	BG							
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